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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kelkar, et al.

Attorney Docket No.:
NSC1P229/P05148

Patent: 6,822,315 B2

Issued: November 23, 2004

Title: APPARATUS AND METHOD FOR
SCRIBING SEMICONDUCTOR WAFERS USING
VISION RECOGNITION

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on December 16, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION
OF OFFICE MISTAKE
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Certificate of Correction

**Certificate
DEC 28 2004
of Correction**

Dear Sir:

Attached is Form PT-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where they occur, and shown correctly in the application filed, are as follows:

CLAIMS:

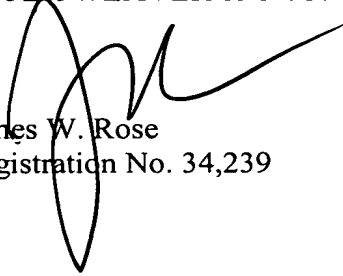
1. In line 10 of claim 1 (column 5, line 11) change "dining machine" to --dicing machine--. This appears correctly in Amendment A as filed on page 2, paragraph 1, line 7.
2. In line 2 of claim 2 (column 5, line 65) change "using infrared" to --using an infrared--. This appears correctly in Amendment A as filed on page 2, paragraph 2, line 1.

DEC 29 2004

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NSC1P229).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



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DEC 29 2004

In the Claims:

1. (currently amended) A method of scribing a semiconductor wafer ~~coated with a material~~; comprising:
 - imaging the wafer;
 - generating a picture of the wafer from the image of the wafer, the picture identifying the scribe lines of the wafer, ~~under the material~~; and
 - mapping the coordinates of the identified scribe lines on the wafer from the picture;
 - providing the coordinates of the scribe lines to a dicing machine;
 - scribing the wafer using the ~~identified~~ coordinates of the scribe lines.
2. (original) The method of claim 1, wherein the wafer is imaged using an infrared camera.
3. (original) The method of claim 2 wherein the picture is generated by measuring the emissivity of features on the wafer surface including the scribe lines.
4. (cancelled) The method of claim 3, further comprising:
 - mapping the coordinates of the identified scribe lines on the wafer from the picture; and
 - providing the coordinates of the scribe lines to a dicing machine.
5. (currently amended) The method of claim ~~[[4]]~~ 1, controlling the dicing of the wafer using the coordinates of the scribe lines.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB Control number

(Also Form PT-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,822,315 B2

DATED : November 23, 2004

INVENTOR(S) : Kelkar, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Claims:

In line 10 of claim 1 (column 5, line 11) change "dining machine" to --dicing machine--.

In line 2 of claim 2 (column 5, line 65) change "using infrared" to --using an infrared--.

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PATENT NO. 6,822,315 B2

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